

## CLAIMS

What is claimed is:

1        1.     A communications transceiver, comprising:  
2        a first antenna connected to a first amplifier;  
3        a second antenna connected to a second amplifier;  
4        an intermediate frequency stage; and  
5        a selector being connected between said first and second amplifiers  
6        and said intermediate frequency stage for selecting operation of the  
7        communications transceiver between said first and second antennas.

1        2.     A communications transceiver as claimed in claim 1,  
2        wherein said first amplifier is an input amplifier for amplifying signals  
3        received by said first antenna.

1        3.     A communications transceiver as claimed in claim 1,  
2        wherein second amplifier is an input amplifier for amplifying signals  
3        received by said second antenna.

1        4.     A communications transceiver as claimed in claim 1,  
2        wherein said second amplifier is an output amplifier for amplifying  
3        signals transmitted by said second antenna.

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1        5.     A communications transceiver as claimed in claim 4, further  
2        comprising a third amplifier connected to said second antenna and said  
3        selector for amplifying signals received by said second antenna.

1 6. A communications transceiver as claimed in claim 5, further  
2 comprising a second selector connected between said second antenna  
3 and said second and third amplifiers for selecting connection of said  
4 second antenna between said second and third amplifiers.

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1 7. A communications transceiver as claimed in claim 1, further  
2 comprising a filter disposed between said selector and said intermediate  
3 frequency stage.

1 8. A communications transceiver as claimed in claim 7,  
2 wherein said filter is a low-pass filter.

1 9. A communications transceiver as claimed in claim 1, further  
2 comprising a filter disposed between said first antenna and said first  
3 amplifier.

1 10. A communications transceiver as claimed in claim 9,  
2 wherein said filter is a bandpass filter.

1 11. A communications transceiver as claimed in claim 1, further  
2 comprising a filter disposed between said second antenna and said  
3 second amplifier.

1 12. A communications transceiver as claimed in claim 11,  
2 wherein said filter is a bandpass filter.

1 13. A communications transceiver as claimed in claim 6, further  
2 comprising a filter disposed between said second antenna and said  
3 second selector.



1 17. A communications transceiver, comprising:  
2 a first antenna connected to a first amplifier;  
3 a second antenna;  
4 an intermediate frequency stage connected to a second amplifier;  
5 and  
6 a selector disposed between said first amplifier and said  
7 intermediate frequency stage and between said second antenna and said  
8 second amplifier for selecting operation of the communications  
9 transceiver between said first and second antennas.

1 18. A communications transceiver as claimed in claim 17,  
2 wherein said first amplifier includes a feedback loop for altering the  
3 operational characteristics of said first amplifier.

1 19. A communications transceiver as claimed in claim 18,  
2 wherein said feedback loop includes a switch for selectively activating  
3 said feedback loop.

1 20. A communications transceiver as claimed in claim 18,  
2 wherein said feedback loop is a closed loop.

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